



JONES, DAY, REAVIS & POGUE

NORTH POINT • 901 LAKESIDE AVENUE

CLEVELAND, OHIO 44114-1190

TELEPHONE: 216-586-3939 • FACSIMILE: 216-579-0212

Receipt
2/18
FILE COPY

WRITER'S DIRECT NUMBER:

(216) 586-1402

2125:sk/276529_1
560043-610132

June 6, 2000

Assistant Commissioner for Patents
Office of Initial Patent Examination
Customer Service Center
Washington, D.C. 20231

Re: Application No. 09/540,955
Filing Date: March 31, 2000
Applicant: BuAbbud, et al.

RECEIVED
JUL 17 2000
TC 2700 MAIL ROOM
JUL 12 2000
TECHNOLOGY CENTER 2800

Dear Sir:

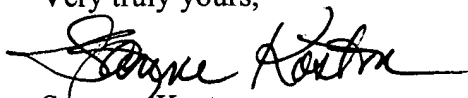
Enclosed is a copy of the Filing Receipt in the above-captioned matter. Please make the following corrections:

Please correct the spelling of the last name of the inventor from George H. Buabbud to George H. BuAbbud.

Please correct the spelling of the word "two" in the title of the invention from "Bidirectional frequency shift coding using "tow" different codes for upstream and downstream" to "Bidirectional frequency shift coding using word two different codes for upstream and downstream."

Thank you for your assistance in this matter. Please advise if you have any questions.

Very truly yours,


Suzanne Koston
Patent & Trademark Assistant

Enclosure

cc: David B. Cochran, Esq. (w/o Encls.)

FILING RECEIPT

OC000000005150848

**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**Address: ASSISTANT SECRETARY AND
COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/540,955	03/31/2000	2874	690	560043610132	5	11	JDRB

David B Cochran
Jones Day Reavis & Pogue
North Point
901 Lakeside Avenue
Cleveland, OH 44114-1190

JUN 9 2000
RECEIVED

Date Mailed: 06/01/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

George H. Buabbud, South Lake, TX ;
Muneer Zuhdi, Lewisville, TX ;

Continuing Data as Claimed by Applicant**Foreign Applications**

If Required, Foreign Filing License Granted 06/01/2000

Title

Bidirectional frequency shift coding using tow different codes for upstream and downstream

Preliminary Class

385

Data entry by : MARTIN, DIANE

Team : OIPE

Date: 06/01/2000



RECEIVED
JUL 12 2000
TECHNOLOGY CENTER 2800

RECEIVED
JUL 17 2000
TC 2700 MAIL ROOM

FILE COPY

Bib Data Sheet

**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SERIAL NUMBER 09/540,955	FILING DATE 03/31/2000 RULE -	CLASS 385	GROUP ART UNIT 2874	ATTORNEY DOCKET NO. 560043610132
APPLICANTS George H. BuAbbud, South Lake, TX ; Muneer Zuhdi, Lewisville, TX ;				
** CONTINUING DATA ***** none sk -				
** FOREIGN APPLICATIONS ***** none sk				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 06/01/2000 -				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged <u>Shi K. G.</u> Examiner's Signature Initials		STATE OR COUNTRY TX	SHEETS DRAWING 5	TOTAL CLAIMS 11 INDEPENDENT CLAIMS 2
ADDRESS David B Cochran Jones Day Reavis & Pogue North Point 901 Lakeside Avenue Cleveland ,OH 44114-1190				
TITLE Bidirectional frequency shift coding using two different codes for upstream and downstream				
FILING FEE RECEIVED 690	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	